

*What is claimed*  
~~Patent Claims~~

- Sub A9*
1. An optimized communications system for radio-assisted traffic services for radio transmission of data between mobile objects and central services and fixed-position objects, which have decentralized control centers, using at least one gateway computer, characterized
- in that the communication between the mobile objects and the fixed-position objects is implemented via the gateway computers in such a manner that
- for the mobile objects which communicate with the gateway computers, one substitute object is in each case set up in the gateway computer and in the fixed-position objects, and
  - for the fixed-position objects which communicate with the gateway computers, substitute objects are set up directly in the gateway computer or indirectly via at least one information server, and
  - using an update process, the substitute information in the gateway computer and in the fixed-position objects is updated directly between the substitute objects in the gateway computer and the fixed-position objects, or indirectly between the gateway computer and the information server.
2. The optimized communications system as claimed in claim 1, characterized
- in that, if information servers are connected between the gateway computers and the central services as well as decentralized control centers, the update information is cascaded, and compressed information about accessible mobile objects is produced in the information server.
3. The optimized communications system as claimed in claim 2, characterized

in that the compressed information can be called by fixed-position objects.

4. The optimized communications system as claimed in claim 2,

5 characterized

in that the information servers actively communicate with fixed-position objects and filter and/or distribute update information.